

# Release A CDR RID Report

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**Figure Table** N/A

**Category Name** Client(CLS) Design

**Actionee** ECS

**Sub Category**

**Subject** Development Schedule for Release A of EOSView

## **Description of Problem or Suggestion:**

TSDIS is evaluating the reuse of the EOSView application as part of the TSDIS Browsing and Ordering software design for the TSDIS Science Users. In the Road to TRMM presentation, ECS mentions that EOSView will be available in the Release A time frame, but the current release does not support basic functionality for browsing images (e.g., displaying images at different resolutions, subsampling instead of pixel replication for zooming, latitude/longitude boundaries, continental outlines, etc.). Even though ECS personnel agree with TSDIS that this functionality is essential to the release of EOSView, there is not a current schedule which indicates which of these modifications will be in Release A of EOSView.

## **Originator's Recommendation**

Develop a realistic schedule/list of functionality that will be available in the release A of EOSView.

**GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** E. Winston

**HAIS Schedule** 9/6/95

**HAIS R. E.** E. Winston

**HAIS Response Date** 9/29/95

Our current EOSView development schedule is attached. The RID mentioned the following specific requested features: displaying, images at various resolutions, subsampling when zooming, latitude/longitude boundaries, continental outlines. We plan to support all of those features in Release A.

**Status** Closed

**Date Closed** 10/9/95

**Sponsor** McDonald

\*\*\*\*\* Attachment if any \*\*\*\*\*

## **EOSView Development Schedule**

**EOSView 2.0r1 Beta Available (prototype) -August 1995**

- General

- Help text enabled on major displays
  - Preliminary Users Guide

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Official RID Report

Date Printed: 11/14/95

- Input/Output

- View contents of multiple files simultaneously
  - Support large HDF files (DD entries), Vdatas, Arrays

# **Release A CDR RID Report**

## Preliminary Users Guide

- **Input/Output**
  - View contents of multiple files simultaneously
  - Support large HDF files (DD entries), Vdatas, Arrays
- **Data Displays**
  - Display multi-file SDS group as single entity
  - Text display of annotations
  - Display Attributes on SDSs, Classes on Vgroups/Vdatas
  - Display Vdatas in table form
- **Image Display**
  - Support for large images and animations
  - Pan image with outline on thumbnail image
  - Zoom in image with outline on thumbnail, using pixel replication or interpolation
  - Zoom out image with outline on thumbnail, using subsampling
- **Palette Control**
  - Remap palette to compressed range or maximum range
  - Select alternate color palette

## **EOSView 2.0r2 Beta Available (prototype)-December 1995**

- **General**
  - Additional Scripting commands
  - Revised Users Guide
- **Image Display**
  - Improved animation interface and performance
  - Animation of Images from several files
  - 24-bit Raster display

## **EOSView 2.0 Delivery (Release A)**

- **General**
    - Full scripting: commands to EOSView, information from EOSView
    - Open, Close, Animate, List Contents, Display selected object, display first object, Add Overlay, report clicked location, change colortable, etc.
  - **Input/Output**
    - Save components as binary or ASCII text files
  - **Data Displays**
    - Display Data Dictionary, Text in scrolling window
    - Display Metadata in scrolling window
  - **Image Display**
    - Display Continent outlines as overlays (Grid, Point only)
    - Display Lat/long gridlines (Grid, Point only)
    - Display color scatter plot (Point only)
    - Select Cursor Position by Lat/Long, Pixel, Scanline (Grid only)
    - Display Cursor Position by Lat/Long, Pixel, Scanline (Grid, Point only)
    - Palette Control
    - User selectable Min/max values
    - Manipulate color palette (fiddle, etc.)
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